

Abstract

A tubing injector (10) includes a traction device (12) having opposed grippers (14) laterally moveable so as to move a respective chain link member (16) of an endless loop chain into gripping engagement with the coiled tubing. A drive motor (11) is provided for powering the endless loop chain, and a plurality of roller bearings (20) each act between a respective chain link member and a gripper. A pressure compensating device (30) subjects fluid in a fluid passageway in the roller bearing (20) to a fluid pressure functionally related to subsea pressure. The tubing injector may be used for injecting the coiled tubing subsea into a wellhead or into another flowline.